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| **DEEPAK KUMAR**  ***Application Developer, Oracle India Pvt. Ltd, Hyderabad***  ***B.Tech. IIT-BHU – Varanasi, India*** | **Male**  **(+91) 9100-933-211**  **deepak.kumar.ece11@iitbhu.ac.in** |

**CAREER OBJECTIVE**

* Seeking to work for an organization which provides avenues for growth, enhance my skills, and make me work for betterment of society.

**WORK EXPERIENCE**

**Application Developer Oracle India Pvt. Ltd., Hyderabad** Jun’15 – present

Project**:** Oracle Commerce Cloud

* Involved in analysis, design, development and unit testing of admin module of Oracle Cloud Commerce.
* Developed deep understanding of ATG architecture and its’ components like nucleus, repositories.
* Worked on full stack development of features like multi catalog, pricing and order management.
* Worked on designing of schemas, RESTful web services and various UI components to consume them.
* Worked on enhancing existing systems by redesigning their architecture.
* Responsible for code review, maintaining application flow, debug, build and deployment.

**Technologies Used:** ATG Framework, Restful Web Services, Java 7, JavaScript, Knockout.js, jQuery, Oracle DB, SQL, Junit, HTML, CSS

**Intern Mechatro Inc., Seoul, South Korea** Jun’14 – Jul’14

Project**:** Serial Number Detector

* Developed an application to detect and extract serial numbers from Indian currency notes using machine learning at a rate of 700 notes per minute and achieved 98% accuracy.
* The application used three-layer neural network in order to train the data set and various algorithms for, noise removal, binarisation, roi extraction and matching of characters.

**Intern Schoolmitra.com, Ghaziabad, India** May’13 – Jul’13

Project**:** www.schoolmitra.com

* Worked on developing a school management web application from scratch using ROR (Ruby on Rails) with features like login, profile, groups, notification, events.

**EDUCATION**

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| **Indian Institute of Technology (IIT BHU), Varanasi** 2011-2015   * B. Tech. in Electronics Engineering CGPA: 8.40 |  |

**SKILLS AND INTERESTS**

* **Languages/Technologies:** ATG, Java, JavaScript, C, knockout.js, SQL, Restful Web Services, ROR, Git, Matlab, Html, CSS
* **Tools:** Eclipse, SQL Developer
* **Areas of Interest:** Data structures and algorithms, software development, machine learning

**PROJECTS**

**Temperature Monitoring System(**Oct’16**)**

* Developed a web app to monitor outside temperature. The app has three components server, simulator and client. Simulator reads sensor (random data) and sends to server. Server process the data and publish to all connected clients using socket.io API.

**Visiting Card Reader (**Final year project, IIT BHU)

* Written a Matlab software program to scan and extract information from visiting cards using machine learning.

**Digital Oscilloscope (**Technex’14, IIT BHU)

* Designed a digital oscilloscope using KL25Z development board and temperature sensor as an analog signal source and corresponding graph was obtained on Matlab.

**ONLINE COURSES**

* Data structures and algorithms (Coursera)
* Machine Learning (Coursera |Stanford)

**ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES**

* Cofounder of CYI trust which aims at educating children.
* Secured AIR-2785 in IIT-JEE 2011, AIR-312 and UP State Rank-21 in AIEEE 2011.
* Won 1st prize in MIME competition at Kashiyatra-2012, cultural fest of IIT-BHU.